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Number of pages including cover letter: 8  
Date: October 8, 2002  
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| Examiner Teresa E.<br>STRZELECKA | Art Unit 1637<br>United States Patent and<br>Trademark Office | Washington, DC | (703) 746-3158 |

Re: Serial No. 09/782,361

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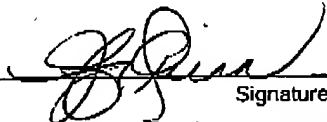
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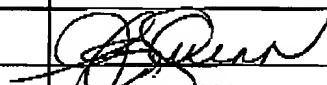
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| <b>TRANSMITTAL<br/>FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 09/782,361             |        |
|  | Filing Date          | February 13, 2001      |        |
|  | First Named Inventor | HU, Yu-Wen             |        |
|  | Group Art Unit       | 1637                   |        |
|  | Examiner Name        | STRZELECKA, Teresa E   |        |
| Total Number of Pages in This Submission   | 5                    | Attorney Docket Number | 4757US |

| ENCLOSURES (check all that apply)  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Assignment Papers (for an Application)                         | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment / Response                     | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition    | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
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| Firm or Individual name                    | Jennifer Quinn, Reg. No. 47,367   |
| Signature                                  |  |
| Date                                       | October 8, 2002   |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: Yu-Wen HU  
Filed: February 13, 2001  
Serial No.: 09/782,361  
Title: PRIMER-SPECIFIC AND MISPAIR EXTENSION ASSAY FOR  
IDENTIFYING GENE VARIATION  
Examiner: Teresa E. Strzelecka  
Group Art Unit: 1637  
Attorney Docket Number: 4757US

AMENDMENT

Commissioner of Patents and Trademarks  
United States Patent and Trademark Office  
Washington, D.C. 20231  
U. S. A.

Sir:

Further to a telephone interview with the Examiner dated September 16, 2002,  
please further amend the above-identified patent application as follows:

IN THE CLAIMS:

Please ~~cancel~~ claims 13 and 16 without prejudice.

Please ~~amend~~ claims 1 and 17 as set forth below:

**Claim 1 (Thrice Amended)**

A primer-specific and mispair extension assay for determining genotype,  
said assay comprising:

- C1
- extending a nucleic acid sequence from a patient sample with *pfu*  
DNA polymerase, using a primer-specific for a genotype to be  
determined, and